Ceiling antenna for 2x3 Mimo access points

ANT-Ceiling-Mimo-2G for 802.11

- Indoor Mimo Ceiling Antenna
- Frequency range 2400 MHz – 2500 MHz
- Polarization Dual-Linear +/- 45°
- Gain 9 - 10 dBi

ANT-Ceiling-Mimo-2G for 802.11

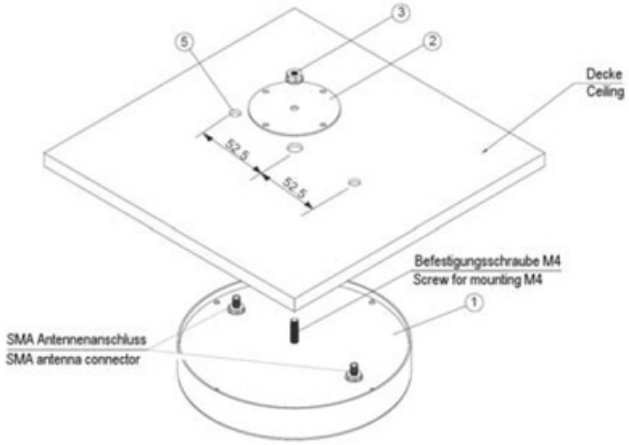
Ceiling antenna for 2x3 Mimo access points

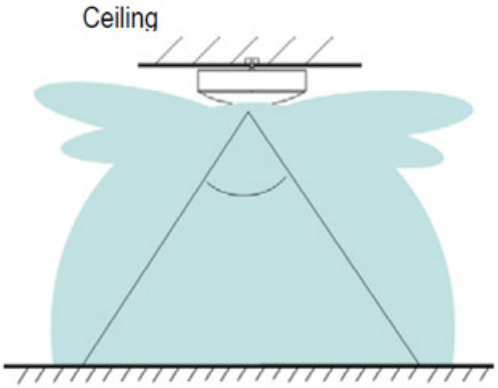
The antenna ANT-Ceiling-Mimo-2G can be used in suspended ceilings for 2x3 Mimo Access Points (i.e. W1002n) as ceiling antenna that fits perfect in office areas.

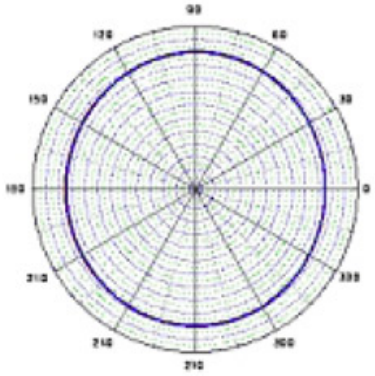
Product description

The antenna contains two antenna systems there are 90º twisted again each other and allows the transmission of two streams. Two streams allows up to 300Mbit/s PHY rate.
Mounted at the ceiling of a room the antenna directed the signal under approx. 60° downwards. In combination with multi-reflexions at the walls and the ground the coverage is similar or better than the coverage of a omni directional antenna. The antenna is shipped together with two cables and fits without any additional adaptors to the W1002n/WIx040n, WIx065n.

Features:
- Range (2.4 GHz): Indoor 40-60 m
- Isolation between both systems: 15 dB
- VSWR: 1.5 : 1
- 3 dB horizontal beam angle: 360 °
- 3 dB vertical beam angle: 62 - 71°
- Connector: 2 x SMA jack
- Cable SMA to RTNC: Shipment is including two cables with 2m length. Approx. 2dB attenuation.
- Weight, Dimensions: Approx. 130 g, 13,3 cm x 6,5 cm
- Color: Light gray
- Operation/Storage Temperature: -10 °C to +55 °C
- IP safety class: IP20 for Indoor usage







Radiation pattern horizontal

Antenna program

A lot of people think of wireless LAN only as a product for wireless communication. Just the next step in the revolution of communication. On the surface this might be right but Funkwerk looks way beyond the surface. Funkwerk does not offer just products, we offer solutions. Our solutions are made up of fine-tuned individual components developed to harmonise perfectly.

Our purpose and the purpose of our solutions is to empower you to work freely and independently. We want to restore the serenity that was so natural in your childhood. For a child's playground knows no bounds, no fences and no restrictions, just like the wireless playground we want to create for you, because child's playground is wireless.

Please find an antenna portfolio overview in the download area.

Variants

ANT-Ceiling-Mimo-2G (5510000209)	Mimo-Indoor-Ceiling Antenna 2.4 GHz for 802.11n, 10 dB, 2x SMA socket. Shipment includes two 2m length cables wirh RTNC connector for direct connection of W-Series AP.